

B2 9. (Amended) A method of vaccinating a mammal to a selected antigen, the method comprising; contacting an APC in vitro with a cytokine-coated cell comprising a selected antigen and [a] said cytokine, wherein said cytokine of said cytokine-coated cell is exogenous to said cell, for a time sufficient to permit internalization of said selected antigen by said APC; and administering said contacted APC to a mammal.

10. (Amended) A method of vaccinating a mammal to selected antigen, the method comprising: contacting an APC in vitro with a cytokine-coated, opsonin-enhanced cell, wherein said cytokine of said cytokine-coated cell is exogenous to said cell, comprising a selected antigen and an opsonin, for a time sufficient to permit internalization of said selected antigen by said APC; and administering said contacted APC to a mammal.

B3  
Sub  
Ex 13. (Amended) A method of vaccinating a mammal to a selected antigen, the method comprising administering to the mammal a vaccine composition comprising a cytokine-coated cell, wherein said cytokine of said cytokine-coated cell is exogenous to said cell, wherein said cytokine is a ligand for the GM-CSF receptor.

B4 15. (Amended) A method of vaccinating a mammal to a selected antigen, the method comprising; administering to a mammal a vaccine composition comprising a cytokine-coated cell, wherein said cytokine of said cytokine-coated cell is exogenous to said cell, wherein said cytokine is a ligand for one of the following receptors: the IL-2 receptor, the IL-4 receptor, the IL-6 receptor, the IL-10 receptor, the IL-12 receptor, the TNF- $\alpha$  receptor, the IFN- $\gamma$  receptor, a chemokine receptor.

B5 21. (Amended) A method of vaccinating a mammal to a selected antigen, the method comprising administering to a mammal a vaccine composition comprising an opsonin-enhanced pathogenic cell and a cytokine-coated pathogenic cell, wherein said cytokine of said cytokine coated cell is exogenous to said cell, wherein said opsonin is selected from the group consisting of mannose binding protein or the alpha'chain of C3b.